

KAMALAKANNANN.S

Udumalpet, Tamil Nadu - India.

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Production Management | CNC setting Department | TPM (Safety Team) | Machine Handling | NDT ASNT 2

Seeking a suitable role which offers scope to provide support to the quality control and quality assurance / NDT ASNT LEVEL 2 /oil and gas industry / Food industries.

PROFESSIONAL SUMMARY:

Profile: 1

Organization : L&T valves, Eachanari, Coimbatore.
Designation : Shift incharge
Duration : 06/11/2017 to till now

PRIMARY FUNCTION

- Organize and report test results.
- Fabricating the components as per the Customer Requirements as well as Applicable codes and standards.
- Arrange the operators by given scheduled planning.
- May instruct and supervise others.
- Perform other job related tasks as assigned by management.
- Interface daily with the client about work priorities and progress of projects
- Actively participate in client programs, planning and strategy sessions
- Work closely with operators to identify and remove the fatigue
- Interacting with the Quality and Production Department.
- Check the quality and dimensions for the manufacturing components.
- Reduce the rejection for the components.
- Implementing the kaizen.

Profile: 2

Organization : AQUASUB ENGINEERING, Thudiyalur, Coimbatore.
Designation : junior Engineer
Duration : 14/05/2013 to 31/10/2017

- An articulate, decisive and analytical professional with the proven expertise covering more than 4+ years specializing in CNC machine operating and CNC setting department, man power utilization, planning for man and machine, quality control(to verify the first inspection report).
- Expert in reviewing the product design engineering activities and specifications of all design, according to the requirements of the component, carried out within according to national and international Codes and Standards.
- Knowledge of Development in jaws and fixtures to eliminate the operator fatigue & operation.
- Knowledge of CNC manual programming and setting.
- Skilled in setter and operator - CNC lathe, HTL, VTL, HMC, VMC, GRINDING (OKAMOTO), conventional Machines.
- Expertise in Independently Adjustment of Deviation - Drawing Knowledge, Arrange the Tool for mechanics and doing setting activities for a planned CNC machine.
- Strong exposure to a wide range of new product designing and research of new technologies to assess feasibility for inclusion in new concepts.
- Action taken for my controlled area by before an insistence.
- Familiarity with environmental health and safety standards.
- Possess superior oral and written communication skills, along with strong planning, organizational and time management skills.
- Check the quality and dimensions for the manufacturing components.
- Reduce the rejection for the components.
- Follow the **TPM** activities and **5S** Principles.

EDUCATIONAL QUALIFICATION:

DEGREE/ COURSE	MARKS OBTAINED	YEAR OF PASSING
B.E MECHANICAL (Part time) Karpagam university, Coimbatore.	75.8%	2014-2017
DIPLOMA IN MECHANICAL ENGINEERING RMPTC, Udumalpet.	86.0%	2010-2013
SSLC Oxford higher secondary school, Udumalpet.	81.0%	2009-2010

SKILL SET:

- | | | |
|-------------------------------|---------------------------------|--------------------------|
| ✓ Machine operating | ✓ Safety Management | ✓ Team Management |
| ✓ Setting & programming | ✓ Standard Operating Procedures | ✓ Planning & Scheduling |
| ✓ Quality Control & Assurance | ✓ TPM activities | ✓ KAIZEN implementation |
| ✓ Man power usage | ✓ Eliminate operator fatigue | ✓ Improving productivity |

AREA OF INTEREST:

- ✓ Food industries
- ✓ Research and development
- ✓ Power plants
- ✓ Information technology
- ✓ Manufacturing industries
- ✓ Automobile industries
- ✓ Air craft research industries

ADDITIONAL QUALIFICATION:

- ✓ **Certification of NDT Inspector - ASNT Level II, as per SNT-TC-1A, 2016 Edition from The Engineers Edge Institute of NDT, Coimbatore-Tamilnadu.**

Radiography Testing (RT)

Ultrasonic Testing (UT)

Magnetic Particle Testing (MPT)

Liquid Penetrate Testing (LPT)

Visual Testing (VT)

Radiographic Test Film Interpretation (RTFI)

Ultrasonic Thickness Gauge (UTG)

EQUIPMENT HANDLING:

- ✓ **UT** : DIGISCAN DS -322
- ✓ **MPI** : MAGNAFLUX K-ELECTRONIC YOKE
- ✓ **LPT** :SPOT CHECK (SKC-5:CLEANER,SKD S2:DEVELOPER,SKL-S1:PENETRANT)
- ✓ **UTG** :MODSONIC THICKNESS GAUGE , METRIX PLUS UTM 5

RESEARCH & PROJECTS:**Pedaling pump:**

- ✓ Pedaling pump is the system of pneumatic cylinder and crank mechanism, this mechanism is used to pumping the water from the sump without power supply and any other source.
- ✓ It was helps to an human body exercise for 20 minutes cycling per day in morning time we can collect the water from sump to water tab by the help of pneumatic cylinder and crank mechanism.

Elimination of quality defect in rotor shaft through FMEA Analysis (Industrial project):

- ✓ Industry name : AQUASUB ENGINEERING
- ✓ Eliminate the operator fatigue | eliminate the centre damage in rotor shaft | rejection controlled
- ✓ Sliding v-block setup implementation | centering facing area of the rotor clamping without no of strokes.
- ✓ Centre ovality problem rectify with v-block setup
- ✓ Delivery time of the component is decreased | final product assembly problem eliminated
- ✓ Rejection cost and rework cost saving approximate Rs. 200000 per year
- ✓ FMEA tool used so problem identified easily

LANGUAGES:

Language to be write = Tamil, English
Language to be speak = Tamil, English
Language to be read = Tamil, English

INDUSTRIES VISITED:

- ✓ Thermal power plant - Mettur
- ✓ DMW (Diesel Machinery Works) - Perendurai
- ✓ Amaravathi sugar mill - Udumalpet

PERSONAL DETAILS:

Father's name : Sivaprakash.V
Gender : Male
Nationality : Indian
Marital Status : Single
Date of Birth : 15th July 1995
Passport number : R1752943, Expiry date: 06/2027
Address for communication : 15, M.G.R colony, Mettu road, West neelambur pirivu,
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642113.

DATE :
PLACE :

(KAMALAKANNAN. S)